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Cumulative Michigan COVID-19 Data

Michigan COVID-19 State Data

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2-16-2021

## 2021-02-16\_MichiganOverview\_COVIDstats

Michigan Department of Health & Human Services

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*Cumulative Michigan COVID-19 Data*. 312.

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Hospitals

Long Term Care Facilities

Coronavirus Symptoms

Cumulative Recovered

Outbreak Reporting

School-Related Outbreak Reporting

Wastewater Surveillance

Testing Turnaround Time

MIS-C Data and Reporting

Data and Modeling Updates

The State of Michigan is working around the clock to test and treat COVID-19 patients. Below is the most recent data healthcare experts across the state have compiled. It is updated Monday - Saturday.

CURRENT STATUS

DAILY CASES

CUMULATIVE TRENDS

DEMOGRAPHICS

TOTAL TESTING

DIAGNOSTIC TESTING

LEARN MORE

View Cases

View Deaths

View Table

Select Preparedness Region:

All

Select County:

All

This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.

Source: Michigan Disease Surveillance System (MDSS) and Vital Records.

COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

Cases by County

17-429

430-2354

2355-11231

11232-73114

73115+

Michigan

Tuesday, February 16, 2021

Michigan (Statewide) Case Fatality Rate

2.6%

Current Totals

Case Status	Cases	Deaths
Confirmed	576,264	15,177
Probable	55,268	972
Total	631,532	16,149

Laboratory Testing

Test Type	Tests Performed
Diagnostic	10,007,134
Serology	511,585
Total	10,518,719

Microsoft Power BI

< 1 of 7 >

Q

X

Cases by Hispanic/Latino Ethnicity

Hispanic/Latino Ethnicity	Percentage of Overall Cases by Ethnicity	Percentage of Deceased Cases by Ethnicity
Hispanic/Latino	5.68%	2.97%
Non-Hispanic Latino	70.41%	84.30%
Unknown	23.91%	12.74%

Totals may not add to 100% due to rounding

PUBLIC USE DATASETS 02/16/2021

(Downloadable .xlsx files)

Cases and Deaths by County

Cases and Deaths by County by Date of Onset of Symptoms and Date of Death

Cases by Demographics Statewide

**Cases by Arab Ethnicity**

<b>Arab Ethnicity</b>	<b>Percentage of Overall Cases by Ethnicity</b>	<b>Percentage of Deceased Cases by Ethnicity</b>
Arab	2.95%	1.75%
Non-Arab	51.85%	55.41%
Unknown	45.20%	42.84%

***Totals may not add to 100% due to rounding***

**COVID-19 Tests by County****Diagnostic Tests by Result and County**

**MICHIGAN.GOV HOME**  
**ADA**  
**MICHIGAN NEWS**  
**POLICIES**

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# Cumulative Total of Recovered COVID-19 Cases

**Cumulative Total of Recovered COVID-19 Cases (as of 02/12/2021): 517,991**

During this response, MDHHS is reviewing vital records statistics to identify any laboratory confirmed COVID-19 cases who are 30 days out from their onset of illness to represent recovery status. As the pandemic continues to impact Michigan, this pool will expand to include more cases. Recovered is defined as the number of persons with a confirmed COVID-19 diagnosis who are alive 30 days post-onset (or referral date if onset is not available). The number of persons recovered on February 12, 2021 represents COVID-19 confirmed individuals with an onset date on or prior to January 13, 2021. If an individual dies from a COVID-related cause >30 days from onset/referral, they are removed from the number of persons recovered. These numbers will be updated every Saturday.

**Source:** Michigan Disease Surveillance System and Vital Records



**Have questions?**  
Chat with Robin



[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All



Select County:

All



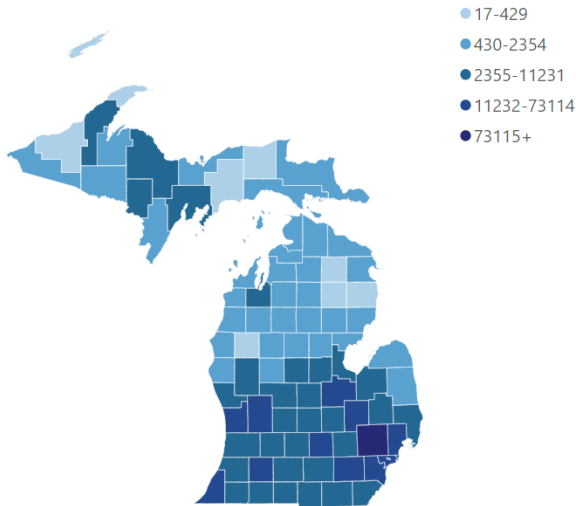
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Cases by County

Confirmed cases include individuals with a positive diagnostic test for COVID-19. Probable cases include individuals with COVID-19 symptoms and an epidemiologic link to confirmed COVID-19, but no diagnostic test.

### Cases by County



## Michigan

Tuesday, February 16, 2021

### Michigan (Statewide) Case Fatality Rate

2.6%

### Current Totals

Case Status	Cases	Deaths
Confirmed	576,264	15,177
Probable	55,268	972
<b>Total</b>	<b>631,532</b>	<b>16,149</b>

### Laboratory Testing

Test Type	Tests Performed
Diagnostic	10,007,134
Serology	511,585
<b>Total</b>	<b>10,518,719</b>

[View Cases](#)[View Deaths](#)[View Table](#)

Select Preparedness Region:

All

Select County:

All

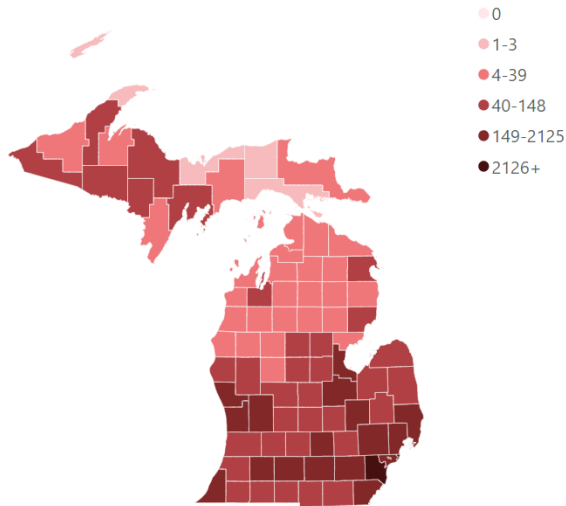
*This report is provisional and subject to change. City of Detroit and Wayne County are reported separately. MDHHS began tracking probable cases April 5, 2020. FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections. Diagnostic tests, including nucleic acid amplification/real-time polymerase chain reaction (NAAT/RT-PCR) and rapid virus antigen detection point of care (POC) tests, look for current infection. Serology (antibody) tests are used to look for the possibility of previous infection.*

*Source: Michigan Disease Surveillance System (MDSS) and Vital Records.*

## COVID-19 Deaths by County

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Probable deaths include individuals who have COVID indicated on their death certificate, but have not had a positive diagnostic test.

### Deaths by County



## Michigan

Tuesday, February 16, 2021

### Michigan (Statewide) Case Fatality Rate

2.6%

### Current Totals

Case Status	Cases	Deaths
Confirmed	576,264	15,177
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### Laboratory Testing

Test Type	Tests Performed
Diagnostic	10,007,134
Serology	511,585
<b>Total</b>	<b>10,518,719</b>

Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Cases by Status

The number of daily confirmed cases represent the total number of people who had a positive diagnostic test for COVID-19 by the date of the onset of their symptoms.

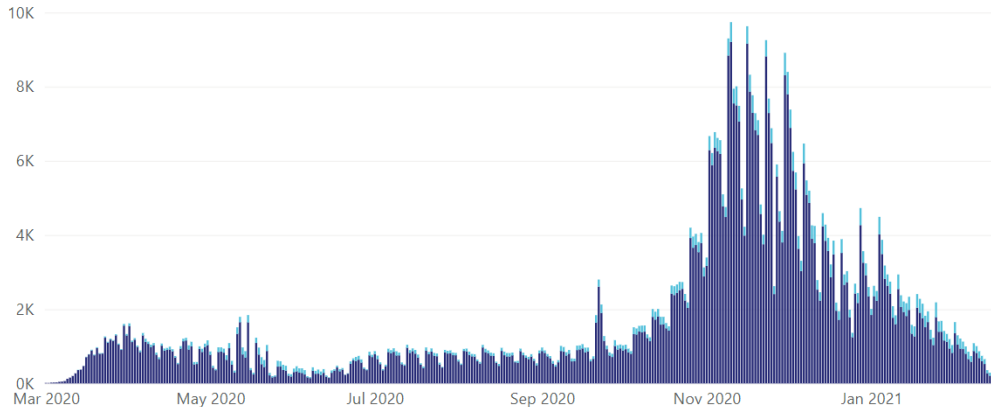
Filter by Date:

3/1/2020

2/16/2021

### Cases by Date of Onset

Case Status ● Confirmed ● Probable



Confirmed Cases

Deaths

View Table

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore only probable cases referred for investigation on or after April 5, 2020 are displayed (onset may have been prior).

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Daily Deaths by Status

Confirmed deaths include individuals who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Data are shown by the date of death.

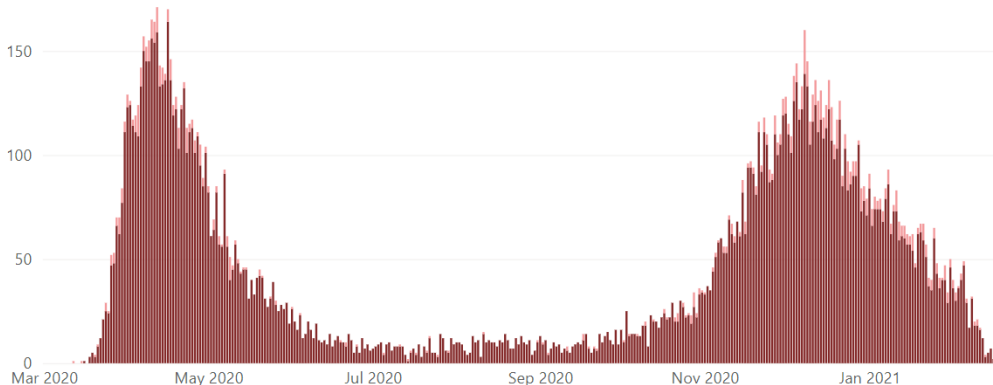
Filter by Date:

3/1/2020

2/16/2021

## Deaths by Date of Death

Case Status ● Confirmed ● Probable



View Table

View Chart

Select Preparedness Region:

All

Select County:

All

Cases are shown by onset date or by lab specimen collection date if onset date was unavailable. Deaths are shown by date of death or date of last status update if date of death was unavailable. Tracking of probable cases and deaths did not begin until April 5, 2020, therefore these data are not displayed by date.

Notes: FCI indicates federal correctional institute. MDOC indicates Michigan Department of Corrections.

## Cumulative Confirmed Cases and Deaths among Confirmed Cases

Cumulative cases represent the total number of people who had a positive diagnostic test for COVID-19. Cases are shown by the date of onset of symptoms. Cumulative Deaths represent the total number of people who had a confirmed COVID-19 infection and are classified as deceased by the case investigation, have COVID-19 indicated as a cause of death on their death certificate, or who die within 30 days of infection and their manner of death is listed as natural. Deaths are shown by date of death.

Filter By Date:

3/1/2020

2/16/2021

### Cumulative Confirmed Cases and Deaths among Confirmed Cases by Date

● Confirmed Cases ● Deaths

0.6M

0.5M

0.4M

0.3M

0.2M

0.1M

0.0M

Mar 2020

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

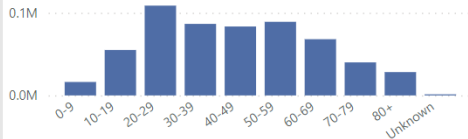
Select Preparedness Region:

All

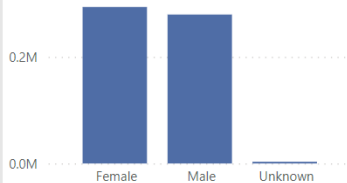
Select county:

All

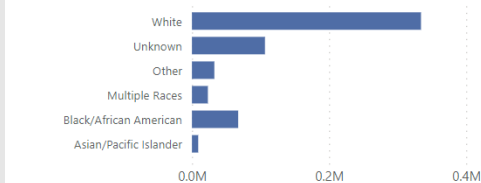
### Cases by Age Group



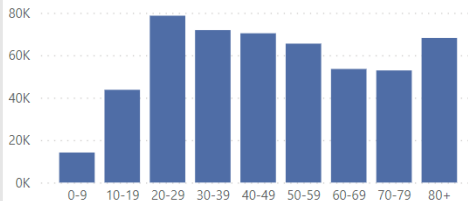
### Cases by Sex



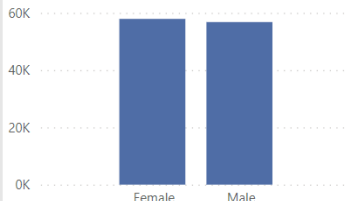
### Cases by Race



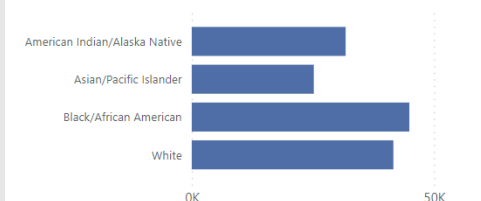
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Cases by Demographic Characteristics

Data are suppressed when the number of cases is five or below to protect the confidentiality of individuals. The sum of the cases for individual categories may be fewer than the total number of cases due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

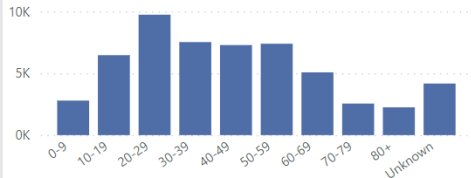
Select Preparedness Region:

All

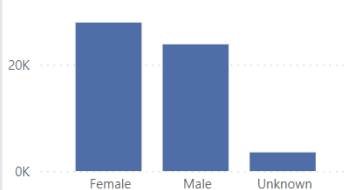
Select county:

All

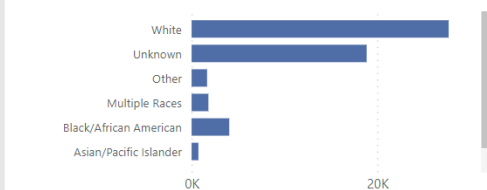
### Cases by Age Group



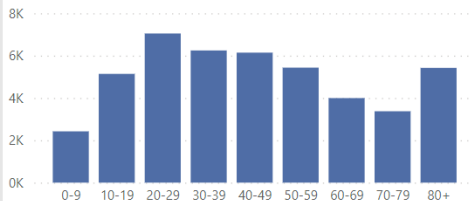
### Cases by Sex



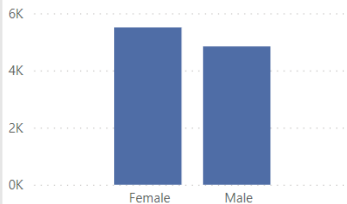
### Cases by Race



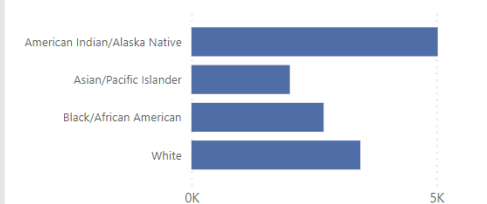
### Cases per Million by Age Group



### Cases per Million by Sex



### Cases per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☒ Confirmed  
☐ Probable

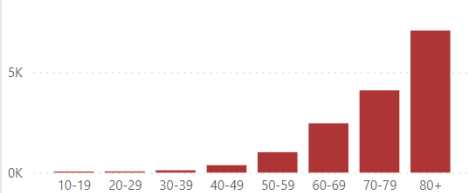
Select Preparedness Region:

All

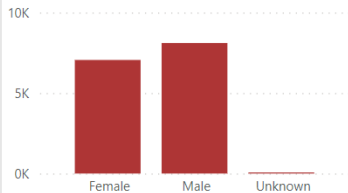
Select county:

All

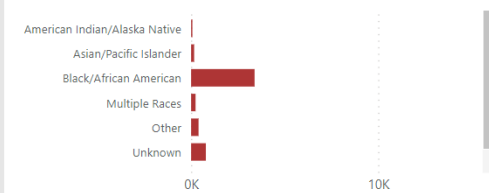
### Deaths by Age Group



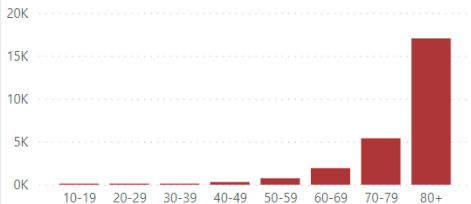
### Deaths by Sex



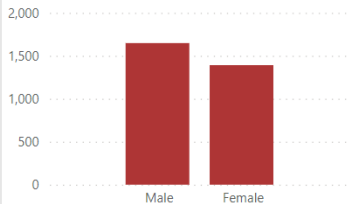
### Deaths by Race



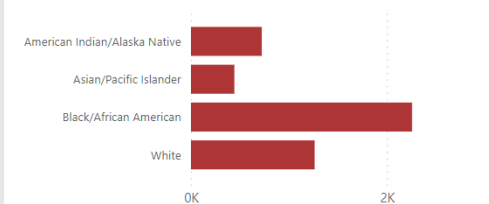
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



## Deaths by Demographic Characteristics

Data are suppressed when the number of deaths is five or below to protect the confidentiality of individuals. The sum of the deaths for individual categories may be fewer than the total number of deaths due to data suppression. Rates are not calculated for multiple races, other, and unknown race categories due to the unavailability of an appropriate denominator.

Cases

Deaths

Select case status:

- ☐ Confirmed  
☒ Probable

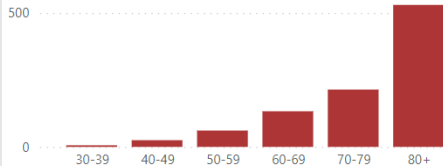
Select Preparedness Region:

All

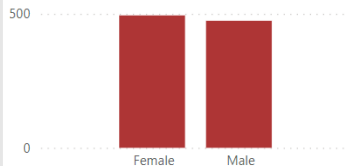
Select county:

All

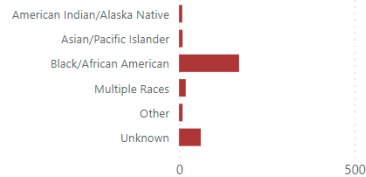
### Deaths by Age Group



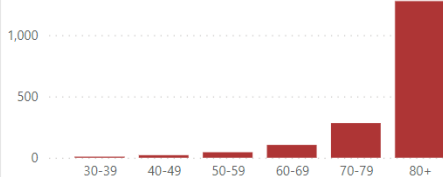
### Deaths by Sex



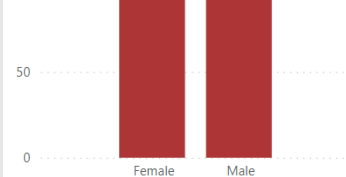
### Deaths by Race



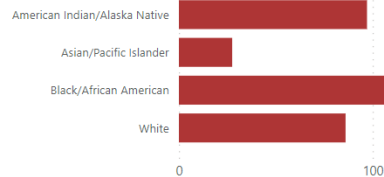
### Deaths per Million by Age Group



### Deaths per Million by Sex



### Deaths per Million by Race



View Table

View Charts

Select Preparedness Region:

All

Select County:

All

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

## Total Covid-19 Laboratory Tests

Total testing includes both diagnostic tests which are used to determine if an individual currently has COVID-19 and serology testing which is used to determine if a person has antibodies to Covid-19.

Filter by Date:

3/10/2020

2/15/2021

### Total Laboratory Tests by Type and Date

Test Type ● Diagnostic ● Serology

100K

50K

0K

May 2020

Jul 2020

Sep 2020

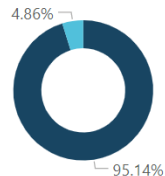
Nov 2020

Jan 2021

### Total Tests Completed to Date

Test Type	Count	Tests per Million Residents
Diagnostic	10,007,134	1,001,602
Serology	511,585	51,204
Total	10,518,719	1,052,806

### Percent of Tests Completed by Type



Test Type

● Diagnostic

● Serology

[View Table](#)[View Charts](#)

Select Preparedness Region

All



Select County

All



Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests. Diagnostic tests do not include serology tests which look for antibodies to SARS-Cov-2 in the blood.

## Diagnostic Covid-19 Laboratory Tests

Diagnostic tests are used to determine if an individual is currently infected with Covid-19.

Filter by Date

3/10/2020

2/15/2021

### Total Laboratory Tests by Type and Date

Test Type ● Negative ● Positive

100K

50K

0K

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

### Percent of Diagnostic Tests That Were Positive

Positivity

60%

40%

20%

0%

May 2020

Jul 2020

Sep 2020

Nov 2020

Jan 2021

### Where does the data come from?

The State of Michigan COVID-19 Dashboard displays the most recent provisional data reported to the Michigan Department of Health and Humans Services (MDHHS) about cases in Michigan by selected demographics and county of residence (City of Detroit and Wayne County are reported separately). Data are reported to MDHHS via the [Michigan Disease Surveillance System \(MDSS\)](#). Provisional Death data are provided by the MDHHS Division for [Vital Records & Health Statistics](#).

### How does MDHHS classify confirmed and probable cases?

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19. Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

### How does MDHHS classify confirmed and probable deaths?

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'. Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

### Why do the number of probable cases fluctuate?

The number of probable cases can change daily based on the investigation efforts of the health department. When a probable case is first reported, local and/or state health department staff investigate to determine if the person meets the case definition of probable. As additional information is gathered, the case could be re-classified to confirmed, remain as probable, or be determined as not a case.

### Why do data in the demographics tab not sum to the total number of cases for a county or region?

Data are not shown whenever the number of cases for a particular demographic category is fewer than six to protect the confidentiality of individuals. Rates are not calculated for other, multiple, and unknown race because an appropriate population denominator is not available for these categories at the county level.

### Where can I get more information about COVID-19?

Visit <https://www.michigan.gov/coronavirus> to find information on resources and assistance, answers to frequently asked questions, and the latest updates on Michigan's response to COVID-19. For COVID-19 updates from CDC visit <https://www.cdc.gov/coronavirus/2019-ncov>.

# PUBLIC USE DATASETS

## Cases and Deaths by County

### README

Includes total cases and deaths to date by case status (confirmed or probable) and county. County is based on the county of residence.

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

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Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.



# **CASES AND DEATHS BY COUNTY 2021-02-16**

Updated	COUNTY	ConfirmedCases	ConfirmedDeaths	ProbableCases	ProbableDeaths
2021/02/16 13:00:22	Alcona	351	19	74	5
2021/02/16 13:00:22	Alger	276	1	155	2
2021/02/16 13:00:22	Allegan	6440	93	738	23
2021/02/16 13:00:22	Alpena	1227	45	232	1
2021/02/16 13:00:22	Antrim	739	15	162	4
2021/02/16 13:00:22	Arenac	660	24	78	0
2021/02/16 13:00:22	Baraga	501	32	98	0
2021/02/16 13:00:22	Barry	3337	40	320	2
2021/02/16 13:00:22	Bay	6980	269	296	12
2021/02/16 13:00:22	Benzie	769	30	125	1
2021/02/16 13:00:22	Berrien	10441	216	792	19
2021/02/16 13:00:22	Branch	3396	80	315	4
2021/02/16 13:00:22	Calhoun	8119	214	1207	15
2021/02/16 13:00:22	Cass	3506	56	373	4
2021/02/16 13:00:22	Charlevoix	820	12	203	0
2021/02/16 13:00:22	Cheboygan	739	35	157	0
2021/02/16 13:00:22	Chippewa	709	21	1010	4
2021/02/16 13:00:22	Clare	1378	68	209	1
2021/02/16 13:00:22	Clinton	4363	65	575	4
2021/02/16 13:00:22	Crawford	543	5	33	0
2021/02/16 13:00:22	Delta	2639	65	465	19
2021/02/16 13:00:22	Dickinson	2119	55	236	14
2021/02/16 13:00:22	Eaton	5530	139	535	8
2021/02/16 13:00:22	Emmet	1236	36	236	1
2021/02/16 13:00:22	Genesee	21266	694	3709	50
2021/02/16 13:00:22	Gladwin	1232	39	226	3
2021/02/16 13:00:22	Gogebic	906	18	336	28
2021/02/16 13:00:22	Grand Traverse	3680	57	416	8
2021/02/16 13:00:22	Gratiot	2430	95	302	4
2021/02/16 13:00:22	Hillsdale	2995	68	275	3
2021/02/16 13:00:22	Houghton	2064	32	504	8
2021/02/16 13:00:22	Huron	1601	55	479	3
2021/02/16 13:00:22	Ingham	15145	264	790	6
2021/02/16 13:00:22	Ionia	4022	66	76	2
2021/02/16 13:00:22	Iosco	1119	63	148	3
2021/02/16 13:00:22	Iron	863	39	62	9
2021/02/16 13:00:22	Isabella	3518	70	436	1
2021/02/16 13:00:22	Jackson	9001	202	306	6
2021/02/16 13:00:22	Kalamazoo	12915	278	1704	38
2021/02/16 13:00:22	Kalkaska	538	15	40	0
2021/02/16 13:00:22	Kent	47933	634	2875	57
2021/02/16 13:00:22	Keweenaw	108	1	26	1
2021/02/16 13:00:22	Lake	337	10	19	1
2021/02/16 13:00:22	Lapeer	4212	117	625	2
2021/02/16 13:00:22	Leelanau	720	14	116	0
2021/02/16 13:00:22	Lenawee	5777	108	271	4
2021/02/16 13:00:22	Livingston	9088	120	949	13

2021/02/16 13:00:22	Luce	132	0	82	1
2021/02/16 13:00:22	Mackinac	280	3	151	0
2021/02/16 13:00:22	Macomb	54087	1830	3490	102
2021/02/16 13:00:22	Manistee	743	18	49	3
2021/02/16 13:00:22	Marquette	3439	54	491	1
2021/02/16 13:00:22	Mason	1128	26	92	0
2021/02/16 13:00:22	Mecosta	1874	19	98	0
2021/02/16 13:00:22	Menominee	1607	35	260	2
2021/02/16 13:00:22	Midland	4311	61	575	3
2021/02/16 13:00:22	Missaukee	595	9	136	8
2021/02/16 13:00:22	Monroe	8460	185	1073	12
2021/02/16 13:00:22	Montcalm	3206	82	237	2
2021/02/16 13:00:22	Montmorency	300	16	55	1
2021/02/16 13:00:22	Muskegon	10286	297	210	7
2021/02/16 13:00:22	Newaygo	2609	47	144	1
2021/02/16 13:00:22	Oakland	63267	1847	9849	108
2021/02/16 13:00:22	Oceana	1770	48	78	2
2021/02/16 13:00:22	Ogemaw	940	32	160	1
2021/02/16 13:00:22	Ontonagon	356	19	52	1
2021/02/16 13:00:22	Osceola	895	23	138	0
2021/02/16 13:00:22	Oscoda	319	18	73	1
2021/02/16 13:00:22	Otsego	963	21	166	4
2021/02/16 13:00:22	Ottawa	20744	308	1218	36
2021/02/16 13:00:22	Presque Isle	568	26	77	1
2021/02/16 13:00:22	Roscommon	992	31	130	0
2021/02/16 13:00:22	Saginaw	13858	478	702	11
2021/02/16 13:00:22	Sanilac	1788	70	175	4
2021/02/16 13:00:22	Schoolcraft	229	4	28	1
2021/02/16 13:00:22	Shiawassee	3513	75	198	1
2021/02/16 13:00:22	St Clair	7225	238	1250	12
2021/02/16 13:00:22	St Joseph	4080	77	480	4
2021/02/16 13:00:22	Tuscola	2778	122	344	10
2021/02/16 13:00:22	Van Buren	4633	84	267	11
2021/02/16 13:00:22	Washtenaw	16514	232	1502	6
2021/02/16 13:00:22	Wayne	63267	2035	4579	91
2021/02/16 13:00:22	Wexford	1316	19	90	1
2021/02/16 13:00:22	MDOC	23667	146	811	3
2021/02/16 13:00:22	FCI	309	5	5	0
2021/02/16 13:00:22	Out-of-State	1429	10	69	1
2021/02/16 13:00:22	Unknown	1	0	17	0
2021/02/16 13:00:22	Detroit City	29498	1833	2353	126

# PUBLIC USE DATASETS

## Cases by Demographics Statewide

### README

Includes the total number of confirmed and probable cases and confirmed and probable deaths to date by demographic characteristics

Confirmed cases only include individuals who have had a positive diagnostic laboratory test for COVID-19.

Probable cases include individuals who have symptoms consistent with COVID-19 and an epidemiologic link to a confirmed case or a positive serology (antibody) test, but do not have a positive diagnostic laboratory test for COVID-19 and individuals with a positive serology (antibody) test for COVID-19 and an epidemiologic link to a confirmed case.

Confirmed deaths include individuals who meet one or more of the following conditions: 1) Have been identified as a confirmed case and classified as deceased as a result of a case investigation in the Michigan Disease Surveillance System (MDSS). MDSS is the database used by state and local health department to monitor reportable diseases like COVID-19; 2) have been identified as a confirmed case in MDSS had have a death certificate with COVID-19 listed as a cause of death; 3) have been identified as a confirmed case in MDSS and die within 30 days of onset of COVID-19 infection and have a death certificate which classifies their manner death as 'natural'.

Probable deaths include individuals who have COVID indicated as a cause of death on their death certificate but have not had a positive diagnostic laboratory test.

The number of probable cases can change daily based on information obtained through the health department investigation. Probable cases can be re-classified as a confirmed case or determined to not be a case.

Data is suppressed when the number of cases or deaths in a single category is between one and five to protect the confidentiality of individuals.

# **CASES BY DEMOGRAPHICS STATEWIDE 2021-02-16**

CASE_STATUS	AgeCat	RaceCat	SEX	Cases	Deaths
Confirmed	0-9	American Indian/Alaska Native	Female	71	0
Confirmed	10-19	American Indian/Alaska Native	Female	188	0
Confirmed	20-29	American Indian/Alaska Native	Female	317	0
Confirmed	30-39	American Indian/Alaska Native	Female	250	Suppressed
Confirmed	40-49	American Indian/Alaska Native	Female	225	0
Confirmed	50-59	American Indian/Alaska Native	Female	235	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Female	153	7
Confirmed	70-79	American Indian/Alaska Native	Female	90	10
Confirmed	80+	American Indian/Alaska Native	Female	33	7
Confirmed	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Confirmed	0-9	Asian/Pacific Islander	Female	144	0
Confirmed	10-19	Asian/Pacific Islander	Female	487	0
Confirmed	20-29	Asian/Pacific Islander	Female	1003	0
Confirmed	30-39	Asian/Pacific Islander	Female	842	Suppressed
Confirmed	40-49	Asian/Pacific Islander	Female	775	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Female	672	6
Confirmed	60-69	Asian/Pacific Islander	Female	379	10
Confirmed	70-79	Asian/Pacific Islander	Female	188	18
Confirmed	80+	Asian/Pacific Islander	Female	126	35
Confirmed	Unknown	Asian/Pacific Islander	Female	0	0
Confirmed	0-9	Black/African American	Female	862	Suppressed
Confirmed	10-19	Black/African American	Female	2251	Suppressed
Confirmed	20-29	Black/African American	Female	6075	12
Confirmed	30-39	Black/African American	Female	5494	15
Confirmed	40-49	Black/African American	Female	4855	64
Confirmed	50-59	Black/African American	Female	4482	145
Confirmed	60-69	Black/African American	Female	3878	317
Confirmed	70-79	Black/African American	Female	2328	430
Confirmed	80+	Black/African American	Female	1636	583
Confirmed	Unknown	Black/African American	Female	15	0
Confirmed	0-9	Multiple Races	Female	465	0
Confirmed	10-19	Multiple Races	Female	1497	Suppressed
Confirmed	20-29	Multiple Races	Female	2407	0
Confirmed	30-39	Multiple Races	Female	1744	0
Confirmed	40-49	Multiple Races	Female	1829	Suppressed
Confirmed	50-59	Multiple Races	Female	1891	10
Confirmed	60-69	Multiple Races	Female	1388	11
Confirmed	70-79	Multiple Races	Female	769	27
Confirmed	80+	Multiple Races	Female	509	60
Confirmed	Unknown	Multiple Races	Female	10	0
Confirmed	0-9	Other	Female	705	0
Confirmed	10-19	Other	Female	1964	0
Confirmed	20-29	Other	Female	3542	0
Confirmed	30-39	Other	Female	2742	Suppressed
Confirmed	40-49	Other	Female	2556	Suppressed
Confirmed	50-59	Other	Female	2005	13
Confirmed	60-69	Other	Female	1228	29

Confirmed	70-79	Other	Female	647	43
Confirmed	80+	Other	Female	443	74
Confirmed	Unknown	Other	Female	8	0
Confirmed	0-9	Unknown	Female	1148	0
Confirmed	10-19	Unknown	Female	4622	0
Confirmed	20-29	Unknown	Female	10754	Suppressed
Confirmed	30-39	Unknown	Female	8437	Suppressed
Confirmed	40-49	Unknown	Female	8672	8
Confirmed	50-59	Unknown	Female	9260	16
Confirmed	60-69	Unknown	Female	5646	45
Confirmed	70-79	Unknown	Female	2624	84
Confirmed	80+	Unknown	Female	2219	237
Confirmed	Unknown	Unknown	Female	98	0
Confirmed	0-9	White	Female	4392	0
Confirmed	10-19	White	Female	17449	Suppressed
Confirmed	20-29	White	Female	32060	11
Confirmed	30-39	White	Female	23703	16
Confirmed	40-49	White	Female	23402	54
Confirmed	50-59	White	Female	25935	176
Confirmed	60-69	White	Female	20919	525
Confirmed	70-79	White	Female	13517	1044
Confirmed	80+	White	Female	12270	2888
Confirmed	Unknown	White	Female	79	0
Confirmed	0-9	American Indian/Alaska Native	Male	60	0
Confirmed	10-19	American Indian/Alaska Native	Male	161	0
Confirmed	20-29	American Indian/Alaska Native	Male	249	0
Confirmed	30-39	American Indian/Alaska Native	Male	219	0
Confirmed	40-49	American Indian/Alaska Native	Male	225	0
Confirmed	50-59	American Indian/Alaska Native	Male	192	Suppressed
Confirmed	60-69	American Indian/Alaska Native	Male	156	18
Confirmed	70-79	American Indian/Alaska Native	Male	79	13
Confirmed	80+	American Indian/Alaska Native	Male	27	Suppressed
Confirmed	Unknown	American Indian/Alaska Native	Male	0	0
Confirmed	0-9	Asian/Pacific Islander	Male	194	0
Confirmed	10-19	Asian/Pacific Islander	Male	468	0
Confirmed	20-29	Asian/Pacific Islander	Male	1096	0
Confirmed	30-39	Asian/Pacific Islander	Male	824	0
Confirmed	40-49	Asian/Pacific Islander	Male	661	Suppressed
Confirmed	50-59	Asian/Pacific Islander	Male	629	Suppressed
Confirmed	60-69	Asian/Pacific Islander	Male	379	22
Confirmed	70-79	Asian/Pacific Islander	Male	175	34
Confirmed	80+	Asian/Pacific Islander	Male	87	25
Confirmed	Unknown	Asian/Pacific Islander	Male	0	0
Confirmed	0-9	Black/African American	Male	922	0
Confirmed	10-19	Black/African American	Male	2077	Suppressed
Confirmed	20-29	Black/African American	Male	6632	15
Confirmed	30-39	Black/African American	Male	6537	33
Confirmed	40-49	Black/African American	Male	5876	95
Confirmed	50-59	Black/African American	Male	5594	253
Confirmed	60-69	Black/African American	Male	4256	457

Confirmed	70-79	Black/African American	Male	2269	550
Confirmed	80+	Black/African American	Male	978	415
Confirmed	Unknown	Black/African American	Male	7	0
Confirmed	0-9	Multiple Races	Male	495	Suppressed
Confirmed	10-19	Multiple Races	Male	1466	0
Confirmed	20-29	Multiple Races	Male	2000	0
Confirmed	30-39	Multiple Races	Male	1433	Suppressed
Confirmed	40-49	Multiple Races	Male	1419	Suppressed
Confirmed	50-59	Multiple Races	Male	1502	7
Confirmed	60-69	Multiple Races	Male	1310	32
Confirmed	70-79	Multiple Races	Male	713	33
Confirmed	80+	Multiple Races	Male	305	45
Confirmed	Unknown	Multiple Races	Male	Suppressed	0
Confirmed	0-9	Other	Male	772	0
Confirmed	10-19	Other	Male	2007	0
Confirmed	20-29	Other	Male	3715	Suppressed
Confirmed	30-39	Other	Male	2972	Suppressed
Confirmed	40-49	Other	Male	2751	15
Confirmed	50-59	Other	Male	2301	27
Confirmed	60-69	Other	Male	1338	69
Confirmed	70-79	Other	Male	606	59
Confirmed	80+	Other	Male	268	56
Confirmed	Unknown	Other	Male	Suppressed	0
Confirmed	0-9	Unknown	Male	1197	0
Confirmed	10-19	Unknown	Male	4360	0
Confirmed	20-29	Unknown	Male	10906	0
Confirmed	30-39	Unknown	Male	8904	7
Confirmed	40-49	Unknown	Male	8082	18
Confirmed	50-59	Unknown	Male	8925	25
Confirmed	60-69	Unknown	Male	5483	73
Confirmed	70-79	Unknown	Male	2334	121
Confirmed	80+	Unknown	Male	1187	147
Confirmed	Unknown	Unknown	Male	106	0
Confirmed	0-9	White	Male	4801	0
Confirmed	10-19	White	Male	15769	Suppressed
Confirmed	20-29	White	Male	27344	19
Confirmed	30-39	White	Male	22020	31
Confirmed	40-49	White	Male	21594	98
Confirmed	50-59	White	Male	25027	329
Confirmed	60-69	White	Male	21270	833
Confirmed	70-79	White	Male	13546	1622
Confirmed	80+	White	Male	8105	2483
Confirmed	Unknown	White	Male	67	0
Confirmed	0-9	American Indian/Alaska Native	Unknown	0	0
Confirmed	10-19	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	30-39	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	40-49	American Indian/Alaska Native	Unknown	0	0
Confirmed	50-59	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	60-69	American Indian/Alaska Native	Unknown	Suppressed	0

Confirmed	70-79	American Indian/Alaska Native	Unknown	Suppressed	0
Confirmed	80+	American Indian/Alaska Native	Unknown	0	0
Confirmed	Unknown	American Indian/Alaska Native	Unknown	0	0
Confirmed	0-9	Asian/Pacific Islander	Unknown	0	0
Confirmed	10-19	Asian/Pacific Islander	Unknown	7	0
Confirmed	20-29	Asian/Pacific Islander	Unknown	8	0
Confirmed	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Confirmed	60-69	Asian/Pacific Islander	Unknown	0	0
Confirmed	70-79	Asian/Pacific Islander	Unknown	0	0
Confirmed	80+	Asian/Pacific Islander	Unknown	0	0
Confirmed	Unknown	Asian/Pacific Islander	Unknown	0	0
Confirmed	0-9	Black/African American	Unknown	Suppressed	0
Confirmed	10-19	Black/African American	Unknown	12	0
Confirmed	20-29	Black/African American	Unknown	107	0
Confirmed	30-39	Black/African American	Unknown	93	0
Confirmed	40-49	Black/African American	Unknown	98	0
Confirmed	50-59	Black/African American	Unknown	85	0
Confirmed	60-69	Black/African American	Unknown	40	Suppressed
Confirmed	70-79	Black/African American	Unknown	13	Suppressed
Confirmed	80+	Black/African American	Unknown	Suppressed	0
Confirmed	Unknown	Black/African American	Unknown	0	0
Confirmed	0-9	Multiple Races	Unknown	6	0
Confirmed	10-19	Multiple Races	Unknown	10	0
Confirmed	20-29	Multiple Races	Unknown	15	0
Confirmed	30-39	Multiple Races	Unknown	13	0
Confirmed	40-49	Multiple Races	Unknown	14	0
Confirmed	50-59	Multiple Races	Unknown	8	0
Confirmed	60-69	Multiple Races	Unknown	14	0
Confirmed	70-79	Multiple Races	Unknown	6	0
Confirmed	80+	Multiple Races	Unknown	Suppressed	0
Confirmed	Unknown	Multiple Races	Unknown	Suppressed	0
Confirmed	0-9	Other	Unknown	7	0
Confirmed	10-19	Other	Unknown	10	0
Confirmed	20-29	Other	Unknown	18	0
Confirmed	30-39	Other	Unknown	18	0
Confirmed	40-49	Other	Unknown	24	0
Confirmed	50-59	Other	Unknown	14	0
Confirmed	60-69	Other	Unknown	11	0
Confirmed	70-79	Other	Unknown	Suppressed	0
Confirmed	80+	Other	Unknown	6	0
Confirmed	Unknown	Other	Unknown	Suppressed	0
Confirmed	0-9	Unknown	Unknown	47	0
Confirmed	10-19	Unknown	Unknown	150	0
Confirmed	20-29	Unknown	Unknown	346	0
Confirmed	30-39	Unknown	Unknown	228	0
Confirmed	40-49	Unknown	Unknown	283	0
Confirmed	50-59	Unknown	Unknown	242	0
Confirmed	60-69	Unknown	Unknown	133	Suppressed

Confirmed	70-79	Unknown	Unknown	67	Suppressed
Confirmed	80+	Unknown	Unknown	55	Suppressed
Confirmed	Unknown	Unknown	Unknown	42	0
Confirmed	0-9	White	Unknown	14	0
Confirmed	10-19	White	Unknown	90	0
Confirmed	20-29	White	Unknown	176	0
Confirmed	30-39	White	Unknown	170	0
Confirmed	40-49	White	Unknown	148	0
Confirmed	50-59	White	Unknown	143	0
Confirmed	60-69	White	Unknown	115	0
Confirmed	70-79	White	Unknown	52	Suppressed
Confirmed	80+	White	Unknown	20	Suppressed
Confirmed	Unknown	White	Unknown	Suppressed	0
Probable	0-9	American Indian/Alaska Native	Female	29	0
Probable	10-19	American Indian/Alaska Native	Female	35	0
Probable	20-29	American Indian/Alaska Native	Female	52	0
Probable	30-39	American Indian/Alaska Native	Female	35	0
Probable	40-49	American Indian/Alaska Native	Female	36	0
Probable	50-59	American Indian/Alaska Native	Female	26	0
Probable	60-69	American Indian/Alaska Native	Female	21	0
Probable	70-79	American Indian/Alaska Native	Female	7	0
Probable	80+	American Indian/Alaska Native	Female	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Female	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Female	22	0
Probable	10-19	Asian/Pacific Islander	Female	39	0
Probable	20-29	Asian/Pacific Islander	Female	90	0
Probable	30-39	Asian/Pacific Islander	Female	71	0
Probable	40-49	Asian/Pacific Islander	Female	54	0
Probable	50-59	Asian/Pacific Islander	Female	51	0
Probable	60-69	Asian/Pacific Islander	Female	28	Suppressed
Probable	70-79	Asian/Pacific Islander	Female	12	Suppressed
Probable	80+	Asian/Pacific Islander	Female	Suppressed	0
Probable	Unknown	Asian/Pacific Islander	Female	Suppressed	0
Probable	0-9	Black/African American	Female	89	0
Probable	10-19	Black/African American	Female	159	0
Probable	20-29	Black/African American	Female	422	0
Probable	30-39	Black/African American	Female	385	0
Probable	40-49	Black/African American	Female	328	Suppressed
Probable	50-59	Black/African American	Female	314	11
Probable	60-69	Black/African American	Female	229	15
Probable	70-79	Black/African American	Female	93	15
Probable	80+	Black/African American	Female	71	34
Probable	Unknown	Black/African American	Female	22	0
Probable	0-9	Multiple Races	Female	80	0
Probable	10-19	Multiple Races	Female	150	0
Probable	20-29	Multiple Races	Female	174	0
Probable	30-39	Multiple Races	Female	112	0
Probable	40-49	Multiple Races	Female	121	0
Probable	50-59	Multiple Races	Female	116	0
Probable	60-69	Multiple Races	Female	84	Suppressed



Probable	70-79	Multiple Races	Female	40	0
Probable	80+	Multiple Races	Female	28	7
Probable	Unknown	Multiple Races	Female	40	0
Probable	0-9	Other	Female	60	0
Probable	10-19	Other	Female	126	0
Probable	20-29	Other	Female	183	0
Probable	30-39	Other	Female	139	0
Probable	40-49	Other	Female	130	0
Probable	50-59	Other	Female	85	Suppressed
Probable	60-69	Other	Female	53	Suppressed
Probable	70-79	Other	Female	24	0
Probable	80+	Other	Female	9	Suppressed
Probable	Unknown	Other	Female	14	0
Probable	0-9	Unknown	Female	254	0
Probable	10-19	Unknown	Female	801	0
Probable	20-29	Unknown	Female	1545	0
Probable	30-39	Unknown	Female	1064	0
Probable	40-49	Unknown	Female	1169	0
Probable	50-59	Unknown	Female	1162	Suppressed
Probable	60-69	Unknown	Female	803	Suppressed
Probable	70-79	Unknown	Female	325	Suppressed
Probable	80+	Unknown	Female	227	21
Probable	Unknown	Unknown	Female	1033	0
Probable	0-9	White	Female	821	0
Probable	10-19	White	Female	1956	Suppressed
Probable	20-29	White	Female	2562	0
Probable	30-39	White	Female	1991	Suppressed
Probable	40-49	White	Female	1983	Suppressed
Probable	50-59	White	Female	2066	15
Probable	60-69	White	Female	1442	31
Probable	70-79	White	Female	827	69
Probable	80+	White	Female	1094	248
Probable	Unknown	White	Female	296	0
Probable	0-9	American Indian/Alaska Native	Male	17	0
Probable	10-19	American Indian/Alaska Native	Male	37	0
Probable	20-29	American Indian/Alaska Native	Male	40	0
Probable	30-39	American Indian/Alaska Native	Male	37	0
Probable	40-49	American Indian/Alaska Native	Male	31	0
Probable	50-59	American Indian/Alaska Native	Male	26	0
Probable	60-69	American Indian/Alaska Native	Male	17	Suppressed
Probable	70-79	American Indian/Alaska Native	Male	7	Suppressed
Probable	80+	American Indian/Alaska Native	Male	Suppressed	Suppressed
Probable	Unknown	American Indian/Alaska Native	Male	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Male	28	0
Probable	10-19	Asian/Pacific Islander	Male	40	0
Probable	20-29	Asian/Pacific Islander	Male	85	0
Probable	30-39	Asian/Pacific Islander	Male	71	Suppressed
Probable	40-49	Asian/Pacific Islander	Male	51	0
Probable	50-59	Asian/Pacific Islander	Male	40	Suppressed
Probable	60-69	Asian/Pacific Islander	Male	18	Suppressed

Probable	70-79	Asian/Pacific Islander	Male	7	Suppressed
Probable	80+	Asian/Pacific Islander	Male	Suppressed	Suppressed
Probable	Unknown	Asian/Pacific Islander	Male	Suppressed	0
Probable	0-9	Black/African American	Male	80	0
Probable	10-19	Black/African American	Male	159	Suppressed
Probable	20-29	Black/African American	Male	386	0
Probable	30-39	Black/African American	Male	369	0
Probable	40-49	Black/African American	Male	286	8
Probable	50-59	Black/African American	Male	297	11
Probable	60-69	Black/African American	Male	201	24
Probable	70-79	Black/African American	Male	81	30
Probable	80+	Black/African American	Male	34	19
Probable	Unknown	Black/African American	Male	14	0
Probable	0-9	Multiple Races	Male	64	0
Probable	10-19	Multiple Races	Male	150	0
Probable	20-29	Multiple Races	Male	144	0
Probable	30-39	Multiple Races	Male	93	0
Probable	40-49	Multiple Races	Male	105	Suppressed
Probable	50-59	Multiple Races	Male	92	0
Probable	60-69	Multiple Races	Male	72	Suppressed
Probable	70-79	Multiple Races	Male	34	Suppressed
Probable	80+	Multiple Races	Male	16	7
Probable	Unknown	Multiple Races	Male	45	0
Probable	0-9	Other	Male	52	0
Probable	10-19	Other	Male	137	0
Probable	20-29	Other	Male	177	0
Probable	30-39	Other	Male	151	0
Probable	40-49	Other	Male	133	0
Probable	50-59	Other	Male	86	Suppressed
Probable	60-69	Other	Male	51	Suppressed
Probable	70-79	Other	Male	21	Suppressed
Probable	80+	Other	Male	7	Suppressed
Probable	Unknown	Other	Male	14	0
Probable	0-9	Unknown	Male	287	0
Probable	10-19	Unknown	Male	814	0
Probable	20-29	Unknown	Male	1353	0
Probable	30-39	Unknown	Male	1039	Suppressed
Probable	40-49	Unknown	Male	916	Suppressed
Probable	50-59	Unknown	Male	984	Suppressed
Probable	60-69	Unknown	Male	628	Suppressed
Probable	70-79	Unknown	Male	264	8
Probable	80+	Unknown	Male	140	16
Probable	Unknown	Unknown	Male	878	0
Probable	0-9	White	Male	821	0
Probable	10-19	White	Male	1663	0
Probable	20-29	White	Male	2128	Suppressed
Probable	30-39	White	Male	1655	Suppressed
Probable	40-49	White	Male	1605	6
Probable	50-59	White	Male	1750	17
Probable	60-69	White	Male	1245	45

Probable	70-79	White	Male	720	80
Probable	80+	White	Male	569	168
Probable	Unknown	White	Male	256	0
Probable	0-9	American Indian/Alaska Native	Unknown	0	0
Probable	10-19	American Indian/Alaska Native	Unknown	0	0
Probable	20-29	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	30-39	American Indian/Alaska Native	Unknown	0	0
Probable	40-49	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	50-59	American Indian/Alaska Native	Unknown	0	0
Probable	60-69	American Indian/Alaska Native	Unknown	0	0
Probable	70-79	American Indian/Alaska Native	Unknown	0	0
Probable	80+	American Indian/Alaska Native	Unknown	0	0
Probable	Unknown	American Indian/Alaska Native	Unknown	Suppressed	0
Probable	0-9	Asian/Pacific Islander	Unknown	0	0
Probable	10-19	Asian/Pacific Islander	Unknown	0	0
Probable	20-29	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	30-39	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	40-49	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	50-59	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	60-69	Asian/Pacific Islander	Unknown	0	0
Probable	70-79	Asian/Pacific Islander	Unknown	0	0
Probable	80+	Asian/Pacific Islander	Unknown	0	0
Probable	Unknown	Asian/Pacific Islander	Unknown	Suppressed	0
Probable	0-9	Black/African American	Unknown	Suppressed	0
Probable	10-19	Black/African American	Unknown	Suppressed	0
Probable	20-29	Black/African American	Unknown	7	0
Probable	30-39	Black/African American	Unknown	Suppressed	0
Probable	40-49	Black/African American	Unknown	Suppressed	0
Probable	50-59	Black/African American	Unknown	Suppressed	0
Probable	60-69	Black/African American	Unknown	Suppressed	0
Probable	70-79	Black/African American	Unknown	Suppressed	0
Probable	80+	Black/African American	Unknown	0	0
Probable	Unknown	Black/African American	Unknown	6	0
Probable	0-9	Multiple Races	Unknown	Suppressed	0
Probable	10-19	Multiple Races	Unknown	Suppressed	0
Probable	20-29	Multiple Races	Unknown	9	0
Probable	30-39	Multiple Races	Unknown	11	0
Probable	40-49	Multiple Races	Unknown	Suppressed	0
Probable	50-59	Multiple Races	Unknown	Suppressed	0
Probable	60-69	Multiple Races	Unknown	Suppressed	0
Probable	70-79	Multiple Races	Unknown	0	0
Probable	80+	Multiple Races	Unknown	0	0
Probable	Unknown	Multiple Races	Unknown	10	0
Probable	0-9	Other	Unknown	Suppressed	0
Probable	10-19	Other	Unknown	Suppressed	0
Probable	20-29	Other	Unknown	Suppressed	0
Probable	30-39	Other	Unknown	Suppressed	0
Probable	40-49	Other	Unknown	Suppressed	0
Probable	50-59	Other	Unknown	Suppressed	0
Probable	60-69	Other	Unknown	Suppressed	0

Probable	70-79	Other	Unknown	0	0
Probable	80+	Other	Unknown	0	0
Probable	Unknown	Other	Unknown	0	0
Probable	0-9	Unknown	Unknown	59	0
Probable	10-19	Unknown	Unknown	155	0
Probable	20-29	Unknown	Unknown	346	0
Probable	30-39	Unknown	Unknown	273	0
Probable	40-49	Unknown	Unknown	297	Suppressed
Probable	50-59	Unknown	Unknown	260	0
Probable	60-69	Unknown	Unknown	172	0
Probable	70-79	Unknown	Unknown	77	Suppressed
Probable	80+	Unknown	Unknown	31	Suppressed
Probable	Unknown	Unknown	Unknown	1500	0
Probable	0-9	White	Unknown	21	0
Probable	10-19	White	Unknown	36	0
Probable	20-29	White	Unknown	36	0
Probable	30-39	White	Unknown	26	0
Probable	40-49	White	Unknown	28	0
Probable	50-59	White	Unknown	29	0
Probable	60-69	White	Unknown	11	Suppressed
Probable	70-79	White	Unknown	13	0
Probable	80+	White	Unknown	Suppressed	0
Probable	Unknown	White	Unknown	36	0

# PUBLIC USE DATASETS

## COVID-19 Tests by County

### README

Data includes tests by type (diagnostic, serology or total combined) by county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Serology tests are used to look for the possibility of previous infection. Serology tests look for antibodies to SARS-CoV-2 in the blood. There are currently two types of serology tests: the enzyme-linked immunosorbent assay (ELISA) test and the rapid antibody detection POC test. Serology tests do not diagnose disease and do not guarantee immunity, but might provide information about previous infection.

Correctional includes state and federal prisons and county and city detection facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

# COVID-19 TEST BY COUNTY 2021-02-16

Updated	COUNTY	TestType	Count	RatePerMillion
2021/02/16 13:00:34	Alcona	Diagnostic	5307	510043
2021/02/16 13:00:34	Alcona	Serology	155	14897
2021/02/16 13:00:34	Alcona	Total	5462	524940
2021/02/16 13:00:34	Alger	Serology	334	36671
2021/02/16 13:00:34	Alger	Diagnostic	6303	692029
2021/02/16 13:00:34	Alger	Total	6637	728700
2021/02/16 13:00:34	Allegan	Serology	2526	21392
2021/02/16 13:00:34	Allegan	Diagnostic	93514	791948
2021/02/16 13:00:34	Allegan	Total	96040	813340
2021/02/16 13:00:34	Alpena	Diagnostic	14847	522690
2021/02/16 13:00:34	Alpena	Serology	611	21510
2021/02/16 13:00:34	Alpena	Total	15458	544200
2021/02/16 13:00:34	Antrim	Diagnostic	17336	743269
2021/02/16 13:00:34	Antrim	Serology	621	26625
2021/02/16 13:00:34	Antrim	Total	17957	769894
2021/02/16 13:00:34	Arenac	Diagnostic	11769	790768
2021/02/16 13:00:34	Arenac	Serology	404	27145
2021/02/16 13:00:34	Arenac	Total	12173	817913
2021/02/16 13:00:34	Baraga	Diagnostic	7238	881715
2021/02/16 13:00:34	Baraga	Serology	59	7187
2021/02/16 13:00:34	Baraga	Total	7297	888902
2021/02/16 13:00:34	Barry	Diagnostic	45457	738538
2021/02/16 13:00:34	Barry	Serology	1658	26937
2021/02/16 13:00:34	Barry	Total	47115	765475
2021/02/16 13:00:34	Bay	Diagnostic	100116	970812
2021/02/16 13:00:34	Bay	Serology	5949	57687
2021/02/16 13:00:34	Bay	Total	106065	1028499
2021/02/16 13:00:34	Benzie	Diagnostic	10384	584487
2021/02/16 13:00:34	Benzie	Serology	633	35630
2021/02/16 13:00:34	Benzie	Total	11017	620117
2021/02/16 13:00:34	Berrien	Diagnostic	190077	1239086
2021/02/16 13:00:34	Berrien	Serology	5038	32842
2021/02/16 13:00:34	Berrien	Total	195115	1271928
2021/02/16 13:00:34	Branch	Diagnostic	32187	739642
2021/02/16 13:00:34	Branch	Serology	424	9743
2021/02/16 13:00:34	Branch	Total	32611	749385
2021/02/16 13:00:34	Calhoun	Diagnostic	156382	1165647
2021/02/16 13:00:34	Calhoun	Serology	1622	12090
2021/02/16 13:00:34	Calhoun	Total	158004	1177737
2021/02/16 13:00:34	Cass	Diagnostic	31893	615850
2021/02/16 13:00:34	Cass	Serology	586	11316
2021/02/16 13:00:34	Cass	Total	32479	627165
2021/02/16 13:00:34	Charlevoix	Serology	940	35956
2021/02/16 13:00:34	Charlevoix	Diagnostic	18610	711854
2021/02/16 13:00:34	Charlevoix	Total	19550	747810
2021/02/16 13:00:34	Cheboygan	Diagnostic	11740	464472
2021/02/16 13:00:34	Cheboygan	Serology	517	20454

2021/02/16 13:00:34	Cheboygan	Total	12257	484926
2021/02/16 13:00:34	Chippewa	Diagnostic	18506	495489
2021/02/16 13:00:34	Chippewa	Serology	262	7015
2021/02/16 13:00:34	Chippewa	Total	18768	502503
2021/02/16 13:00:34	Clare	Diagnostic	16533	534184
2021/02/16 13:00:34	Clare	Serology	849	27431
2021/02/16 13:00:34	Clare	Total	17382	561616
2021/02/16 13:00:34	Clinton	Diagnostic	46942	589761
2021/02/16 13:00:34	Clinton	Serology	3728	46837
2021/02/16 13:00:34	Clinton	Total	50670	636598
2021/02/16 13:00:34	Correctional	Diagnostic	560678	
2021/02/16 13:00:34	Correctional	Serology	20422	
2021/02/16 13:00:34	Correctional	Total	581100	
2021/02/16 13:00:34	Crawford	Diagnostic	8063	574738
2021/02/16 13:00:34	Crawford	Serology	283	20172
2021/02/16 13:00:34	Crawford	Total	8346	594911
2021/02/16 13:00:34	Delta	Diagnostic	33222	928404
2021/02/16 13:00:34	Delta	Serology	745	20819
2021/02/16 13:00:34	Delta	Total	33967	949223
2021/02/16 13:00:34	Detroit City	Serology	23578	36285
2021/02/16 13:00:34	Detroit City	Diagnostic	610220	939083
2021/02/16 13:00:34	Detroit City	Total	633798	975368
2021/02/16 13:00:34	Dickinson	Serology	152	6022
2021/02/16 13:00:34	Dickinson	Diagnostic	15243	603946
2021/02/16 13:00:34	Dickinson	Total	15395	609969
2021/02/16 13:00:34	Eaton	Serology	5552	50350
2021/02/16 13:00:34	Eaton	Diagnostic	98410	892462
2021/02/16 13:00:34	Eaton	Total	103962	942812
2021/02/16 13:00:34	Emmet	Diagnostic	23869	714320
2021/02/16 13:00:34	Emmet	Serology	1425	42646
2021/02/16 13:00:34	Emmet	Total	25294	756965
2021/02/16 13:00:34	Genesee	Serology	17788	43833
2021/02/16 13:00:34	Genesee	Diagnostic	301169	742137
2021/02/16 13:00:34	Genesee	Total	318957	785970
2021/02/16 13:00:34	Gladwin	Serology	975	38312
2021/02/16 13:00:34	Gladwin	Diagnostic	14605	573893
2021/02/16 13:00:34	Gladwin	Total	15580	612205
2021/02/16 13:00:34	Gogebic	Diagnostic	15795	1130233
2021/02/16 13:00:34	Gogebic	Serology	258	18462
2021/02/16 13:00:34	Gogebic	Total	16053	1148694
2021/02/16 13:00:34	Grand Traverse	Diagnostic	70355	755790
2021/02/16 13:00:34	Grand Traverse	Serology	5318	57129
2021/02/16 13:00:34	Grand Traverse	Total	75673	812919
2021/02/16 13:00:34	Gratiot	Diagnostic	43627	1071627
2021/02/16 13:00:34	Gratiot	Serology	962	23630
2021/02/16 13:00:34	Gratiot	Total	44589	1095257
2021/02/16 13:00:34	Hillsdale	Serology	872	19121
2021/02/16 13:00:34	Hillsdale	Diagnostic	36157	792830
2021/02/16 13:00:34	Hillsdale	Total	37029	811950
2021/02/16 13:00:34	Houghton	Diagnostic	38624	1082390

2021/02/16 13:00:34	Houghton	Serology	250	7006
2021/02/16 13:00:34	Houghton	Total	38874	1089396
2021/02/16 13:00:34	Huron	Diagnostic	24059	776573
2021/02/16 13:00:34	Huron	Serology	616	19883
2021/02/16 13:00:34	Huron	Total	24675	796456
2021/02/16 13:00:34	Ingham	Diagnostic	268980	919885
2021/02/16 13:00:34	Ingham	Serology	18171	62143
2021/02/16 13:00:34	Ingham	Total	287151	982028
2021/02/16 13:00:34	Ionia	Diagnostic	61241	946582
2021/02/16 13:00:34	Ionia	Serology	2007	31022
2021/02/16 13:00:34	Ionia	Total	63248	977603
2021/02/16 13:00:34	Iosco	Diagnostic	19490	775660
2021/02/16 13:00:34	Iosco	Serology	541	21531
2021/02/16 13:00:34	Iosco	Total	20031	797190
2021/02/16 13:00:34	Iron	Diagnostic	21909	1979848
2021/02/16 13:00:34	Iron	Serology	121	10934
2021/02/16 13:00:34	Iron	Total	22030	1990783
2021/02/16 13:00:34	Isabella	Serology	1215	17389
2021/02/16 13:00:34	Isabella	Diagnostic	42469	607811
2021/02/16 13:00:34	Isabella	Total	43684	625200
2021/02/16 13:00:34	Jackson	Serology	3219	20308
2021/02/16 13:00:34	Jackson	Diagnostic	168704	1064311
2021/02/16 13:00:34	Jackson	Total	171923	1084619
2021/02/16 13:00:34	Kalamazoo	Diagnostic	239252	902613
2021/02/16 13:00:34	Kalamazoo	Serology	6277	23681
2021/02/16 13:00:34	Kalamazoo	Total	245529	926294
2021/02/16 13:00:34	Kalkaska	Diagnostic	13698	759397
2021/02/16 13:00:34	Kalkaska	Serology	583	32321
2021/02/16 13:00:34	Kalkaska	Total	14281	791717
2021/02/16 13:00:34	Kent	Diagnostic	702407	1069186
2021/02/16 13:00:34	Kent	Serology	39659	60368
2021/02/16 13:00:34	Kent	Total	742066	1129554
2021/02/16 13:00:34	Keweenaw	Diagnostic	1815	857750
2021/02/16 13:00:34	Keweenaw	Serology	31	14650
2021/02/16 13:00:34	Keweenaw	Total	1846	872401
2021/02/16 13:00:34	Lake	Serology	183	15439
2021/02/16 13:00:34	Lake	Diagnostic	9241	779634
2021/02/16 13:00:34	Lake	Total	9424	795073
2021/02/16 13:00:34	Lapeer	Serology	2908	33194
2021/02/16 13:00:34	Lapeer	Diagnostic	50483	576244
2021/02/16 13:00:34	Lapeer	Total	53391	609438
2021/02/16 13:00:34	Leelanau	Diagnostic	10480	481596
2021/02/16 13:00:34	Leelanau	Serology	822	37774
2021/02/16 13:00:34	Leelanau	Total	11302	519370
2021/02/16 13:00:34	Lenawee	Serology	1783	18111
2021/02/16 13:00:34	Lenawee	Diagnostic	97468	990015
2021/02/16 13:00:34	Lenawee	Total	99251	1008126
2021/02/16 13:00:34	Livingston	Diagnostic	157926	822553
2021/02/16 13:00:34	Livingston	Serology	7055	36746
2021/02/16 13:00:34	Livingston	Total	164981	859298



2021/02/16 13:00:34	Luce	Diagnostic	4314	692567
2021/02/16 13:00:34	Luce	Serology	37	5940
2021/02/16 13:00:34	Luce	Total	4351	698507
2021/02/16 13:00:34	Mackinac	Diagnostic	6594	610612
2021/02/16 13:00:34	Mackinac	Serology	113	10464
2021/02/16 13:00:34	Mackinac	Total	6707	621076
2021/02/16 13:00:34	Macomb	Serology	50985	58337
2021/02/16 13:00:34	Macomb	Diagnostic	672839	769863
2021/02/16 13:00:34	Macomb	Total	723824	828200
2021/02/16 13:00:34	Manistee	Diagnostic	15018	611532
2021/02/16 13:00:34	Manistee	Serology	826	33635
2021/02/16 13:00:34	Manistee	Total	15844	645167
2021/02/16 13:00:34	Marquette	Diagnostic	104110	1560893
2021/02/16 13:00:34	Marquette	Serology	1233	18486
2021/02/16 13:00:34	Marquette	Total	105343	1579379
2021/02/16 13:00:34	Mason	Diagnostic	26147	897166
2021/02/16 13:00:34	Mason	Serology	866	29715
2021/02/16 13:00:34	Mason	Total	27013	926880
2021/02/16 13:00:34	Mecosta	Serology	841	19354
2021/02/16 13:00:34	Mecosta	Diagnostic	31346	721377
2021/02/16 13:00:34	Mecosta	Total	32187	740731
2021/02/16 13:00:34	Menominee	Diagnostic	19586	859789
2021/02/16 13:00:34	Menominee	Serology	127	5575
2021/02/16 13:00:34	Menominee	Total	19713	865364
2021/02/16 13:00:34	Midland	Serology	6158	74054
2021/02/16 13:00:34	Midland	Diagnostic	48917	588256
2021/02/16 13:00:34	Midland	Total	55075	662309
2021/02/16 13:00:34	Missaukee	Diagnostic	8176	540812
2021/02/16 13:00:34	Missaukee	Serology	538	35587
2021/02/16 13:00:34	Missaukee	Total	8714	576399
2021/02/16 13:00:34	Monroe	Serology	4934	32784
2021/02/16 13:00:34	Monroe	Diagnostic	121463	807063
2021/02/16 13:00:34	Monroe	Total	126397	839847
2021/02/16 13:00:34	Montcalm	Serology	2020	31618
2021/02/16 13:00:34	Montcalm	Diagnostic	61015	955031
2021/02/16 13:00:34	Montcalm	Total	63035	986649
2021/02/16 13:00:34	Montmorency	Diagnostic	5594	599700
2021/02/16 13:00:34	Montmorency	Serology	316	33877
2021/02/16 13:00:34	Montmorency	Total	5910	633576
2021/02/16 13:00:34	Muskegon	Diagnostic	168971	973526
2021/02/16 13:00:34	Muskegon	Serology	3109	17912
2021/02/16 13:00:34	Muskegon	Total	172080	991438
2021/02/16 13:00:34	Newaygo	Diagnostic	34709	708636
2021/02/16 13:00:34	Newaygo	Serology	1508	30788
2021/02/16 13:00:34	Newaygo	Total	36217	739424
2021/02/16 13:00:34	Oakland	Diagnostic	1066891	848366
2021/02/16 13:00:34	Oakland	Serology	100600	79995
2021/02/16 13:00:34	Oakland	Total	1167491	928360
2021/02/16 13:00:34	Oceana	Diagnostic	28260	1067745
2021/02/16 13:00:34	Oceana	Serology	771	29131

2021/02/16 13:00:34	Oceana	Total	29031	1096875
2021/02/16 13:00:34	Ogemaw	Diagnostic	14441	687765
2021/02/16 13:00:34	Ogemaw	Serology	465	22146
2021/02/16 13:00:34	Ogemaw	Total	14906	709911
2021/02/16 13:00:34	Ontonagon	Diagnostic	6499	1136189
2021/02/16 13:00:34	Ontonagon	Serology	68	11888
2021/02/16 13:00:34	Ontonagon	Total	6567	1148077
2021/02/16 13:00:34	Osceola	Serology	797	33973
2021/02/16 13:00:34	Osceola	Diagnostic	18754	799403
2021/02/16 13:00:34	Osceola	Total	19551	833376
2021/02/16 13:00:34	Oscoda	Diagnostic	4300	521781
2021/02/16 13:00:34	Oscoda	Serology	290	35190
2021/02/16 13:00:34	Oscoda	Total	4590	556971
2021/02/16 13:00:34	Otsego	Serology	810	32836
2021/02/16 13:00:34	Otsego	Diagnostic	15492	628020
2021/02/16 13:00:34	Otsego	Total	16302	660856
2021/02/16 13:00:34	Ottawa	Diagnostic	300628	1030148
2021/02/16 13:00:34	Ottawa	Serology	12261	42014
2021/02/16 13:00:34	Ottawa	Total	312889	1072162
2021/02/16 13:00:34	Presque Isle	Diagnostic	8224	653113
2021/02/16 13:00:34	Presque Isle	Serology	430	34149
2021/02/16 13:00:34	Presque Isle	Total	8654	687262
2021/02/16 13:00:34	Roscommon	Serology	594	24730
2021/02/16 13:00:34	Roscommon	Diagnostic	14602	607935
2021/02/16 13:00:34	Roscommon	Total	15196	632666
2021/02/16 13:00:34	Saginaw	Diagnostic	200145	1050415
2021/02/16 13:00:34	Saginaw	Serology	7851	41204
2021/02/16 13:00:34	Saginaw	Total	207996	1091619
2021/02/16 13:00:34	Sanilac	Serology	1054	25601
2021/02/16 13:00:34	Sanilac	Diagnostic	39730	965023
2021/02/16 13:00:34	Sanilac	Total	40784	990624
2021/02/16 13:00:34	Schoolcraft	Diagnostic	5229	646034
2021/02/16 13:00:34	Schoolcraft	Serology	61	7536
2021/02/16 13:00:34	Schoolcraft	Total	5290	653571
2021/02/16 13:00:34	Shiawassee	Diagnostic	52595	772071
2021/02/16 13:00:34	Shiawassee	Serology	2277	33425
2021/02/16 13:00:34	Shiawassee	Total	54872	805496
2021/02/16 13:00:34	St Clair	Serology	6943	43632
2021/02/16 13:00:34	St Clair	Diagnostic	106635	670121
2021/02/16 13:00:34	St Clair	Total	113578	713752
2021/02/16 13:00:34	St Joseph	Serology	1412	23161
2021/02/16 13:00:34	St Joseph	Diagnostic	46841	768339
2021/02/16 13:00:34	St Joseph	Total	48253	791500
2021/02/16 13:00:34	Tuscola	Diagnostic	49073	939286
2021/02/16 13:00:34	Tuscola	Serology	1755	33592
2021/02/16 13:00:34	Tuscola	Total	50828	972878
2021/02/16 13:00:34	Unknown	Diagnostic	467704	
2021/02/16 13:00:34	Unknown	Serology	22994	
2021/02/16 13:00:34	Unknown	Total	490698	
2021/02/16 13:00:34	Van Buren	Serology	1565	20680

2021/02/16 13:00:34	Van Buren	Diagnostic	76544	1011457
2021/02/16 13:00:34	Van Buren	Total	78109	1032137
2021/02/16 13:00:34	Washtenaw	Serology	15842	43096
2021/02/16 13:00:34	Washtenaw	Diagnostic	477852	1299920
2021/02/16 13:00:34	Washtenaw	Total	493694	1343016
2021/02/16 13:00:34	Wayne	Diagnostic	1060574	960828
2021/02/16 13:00:34	Wayne	Serology	67416	61076
2021/02/16 13:00:34	Wayne	Total	1127990	1021904
2021/02/16 13:00:34	Wexford	Diagnostic	22522	669680
2021/02/16 13:00:34	Wexford	Serology	1031	30656
2021/02/16 13:00:34	Wexford	Total	23553	700336

# PUBLIC USE DATASETS

## Diagnostic Tests by Result and County

### README

Data include diagnostic tests for COVID-19 by date and county.

Diagnostic tests are used to find current infection and look for genes or proteins from the severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2), the virus that causes COVID-19. These tests, which are performed as nasal swabs, include: Nucleic acid amplification test/real-time polymerase chain reaction (NAAT/RT-PCR) test and rapid virus antigen detection point of care (POC) tests.

Correctional includes state and federal prisons and county and city detention facilities.

Testing data represents total tests performed, not individuals tested. A single individual may have more than one test completed.

The total number of positive tests may exceed the number of confirmed cases due to 1) a single individual may have more than one test performed; 2) MDHHS may receive data on positive tests in advance of a local health department classifying an individual as a confirmed or probable case, and 3) although efforts have been made to de-duplicate testing data, some duplication may occur.

# DIAGNOSTIC TESTS BY RESULT AND COUNTY 2021-02-16

MessageDate	COUNTY	Negative	Positive	Total
2/15/2021	Alcona	21	1	22
2/15/2021	Alger	31	0	31
2/15/2021	Allegan	103	1	104
2/15/2021	Alpena	57	0	57
2/15/2021	Antrim	11	1	12
2/15/2021	Arenac	32	0	32
2/15/2021	Baraga	4	0	4
2/15/2021	Barry	78	3	81
2/15/2021	Bay	83	2	85
2/15/2021	Benzie	11	0	11
2/15/2021	Berrien	353	18	371
2/15/2021	Branch	74	0	74
2/15/2021	Calhoun	349	21	370
2/15/2021	Cass	39	1	40
2/15/2021	Charlevoix	16	1	17
2/15/2021	Cheboygan	33	0	33
2/15/2021	Chippewa	95	1	96
2/15/2021	Clare	41	3	44
2/15/2021	Clinton	74	1	75
2/15/2021	Correctional	801	1	802
2/15/2021	Crawford	8	0	8
2/15/2021	Delta	64	3	67
2/15/2021	Detroit City	783	38	821
2/15/2021	Dickinson	17	0	17
2/15/2021	Eaton	184	8	192
2/15/2021	Emmet	30	1	31
2/15/2021	Genesee	310	8	318
2/15/2021	Gladwin	26	1	27
2/15/2021	Gogebic	10	1	11
2/15/2021	Grand Traverse	77	2	79
2/15/2021	Gratiot	54	1	55
2/15/2021	Hillsdale	45	1	46
2/15/2021	Houghton	16	0	16
2/15/2021	Huron	14	0	14
2/15/2021	Ingham	455	21	476
2/15/2021	Ionia	57	1	58
2/15/2021	Iosco	65	1	66
2/15/2021	Iron	9	0	9
2/15/2021	Isabella	60	3	63
2/15/2021	Jackson	270	20	290
2/15/2021	Kalamazoo	429	19	448
2/15/2021	Kalkaska	10	1	11
2/15/2021	Kent	1238	61	1299
2/15/2021	Keweenaw	2	0	2
2/15/2021	Lake	20	1	21
2/15/2021	Lapeer	75	8	83
2/15/2021	Leelanau	4	0	4

2/15/2021	Lenawee	181	6	187
2/15/2021	Livingston	326	21	347
2/15/2021	Luce	2	0	2
2/15/2021	Mackinac	14	0	14
2/15/2021	Macomb	715	37	752
2/15/2021	Manistee	15	0	15
2/15/2021	Marquette	189	0	189
2/15/2021	Mason	52	0	52
2/15/2021	Mecosta	58	3	61
2/15/2021	Menominee	24	0	24
2/15/2021	Midland	139	1	140
2/15/2021	Missaukee	12	0	12
2/15/2021	Monroe	464	7	471
2/15/2021	Montcalm	135	8	143
2/15/2021	Montmorency	21	1	22
2/15/2021	Muskegon	590	10	600
2/15/2021	Newaygo	80	6	86
2/15/2021	Oakland	1424	53	1477
2/15/2021	Oceana	61	1	62
2/15/2021	Ogemaw	21	2	23
2/15/2021	Ontonagon	10	2	12
2/15/2021	Osceola	58	1	59
2/15/2021	Oscoda	8	0	8
2/15/2021	Otsego	40	0	40
2/15/2021	Ottawa	325	22	347
2/15/2021	Presque Isle	16	0	16
2/15/2021	Roscommon	23	0	23
2/15/2021	Saginaw	193	7	200
2/15/2021	Sanilac	42	4	46
2/15/2021	Schoolcraft	6	0	6
2/15/2021	Shiawassee	91	4	95
2/15/2021	St Clair	120	3	123
2/15/2021	St Joseph	74	3	77
2/15/2021	Tuscola	44	2	46
2/15/2021	Unknown	286	10	296
2/15/2021	Van Buren	117	8	125
2/15/2021	Washtenaw	1624	38	1662
2/15/2021	Wayne	1703	62	1765
2/15/2021	Wexford	29	1	30